Using GIS to Create a "*One-Stop-Shop*" Data Warehouse

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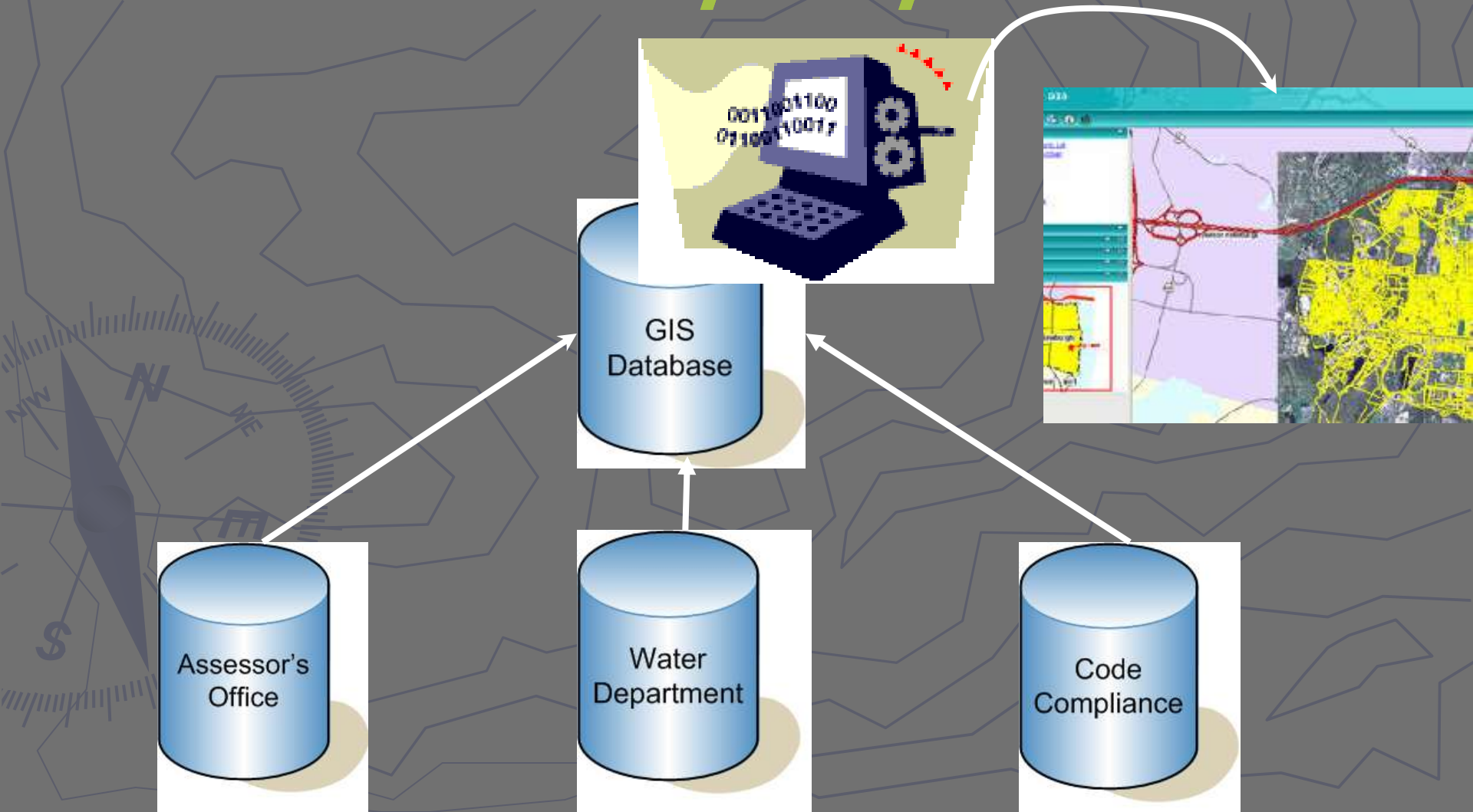
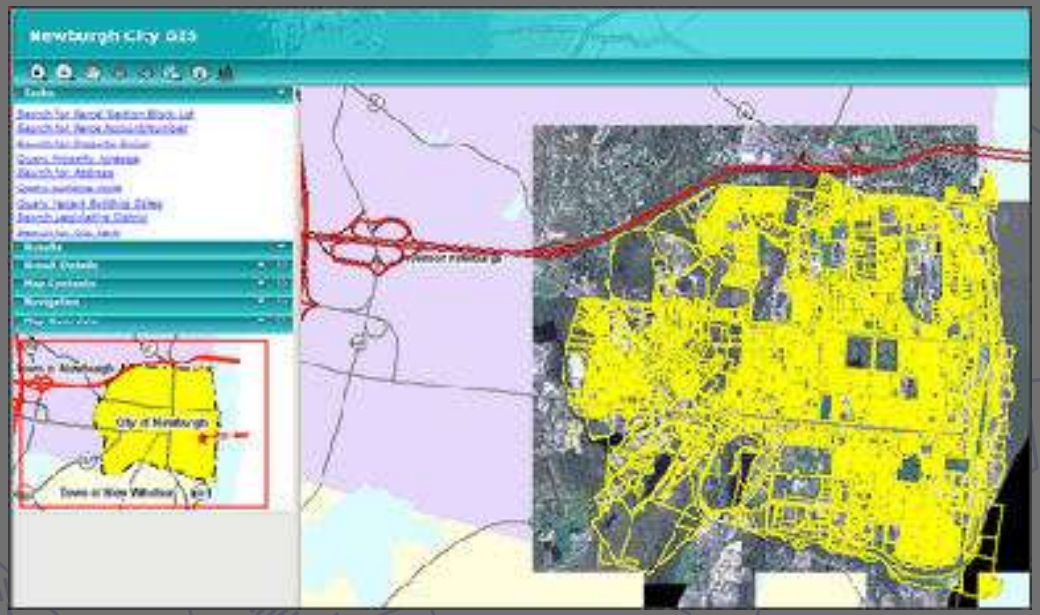
City of Newburgh, NY
845-569-7488

Project Scope

- ETL Tool
- To create a *'one-stop shop'* data warehouse



Before



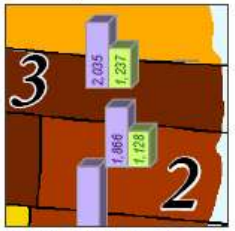
http://www.newburgh-ny.com/GIS/intro.htm

City Streets
(550K)

City Parks
(1.5 MB)

Historic District
(409 KB)

Election Districts
(475 KB)



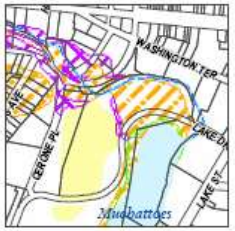
Population by Ward
(2000 Census, 234 KB)

Census Tracts
(2000 Census, 580K)

Zoning - 8x11 (581KB)
Zoning - 11x17 (733KB)

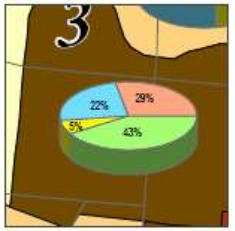
Steep Slopes
(844K)

Tax-Exempt Properties
(1.3 MB)



Environmentally Senstive Areas (675 KB)

Financially Assisted Housing
(1.1 MB)



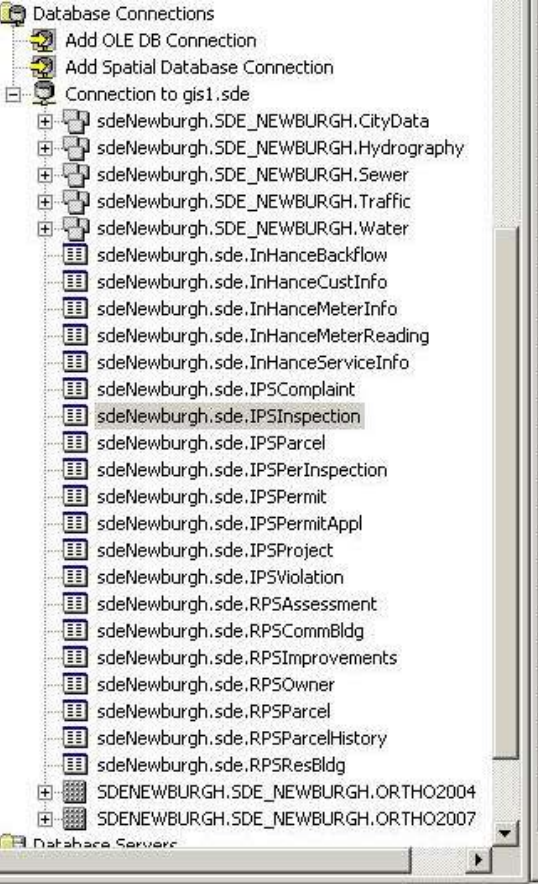
Ethnicity by Census Tract
(2000 Census, 372 KB)

Property Classification
(1.3 MB)

Empire Zone
(Updated 2008, 520K)

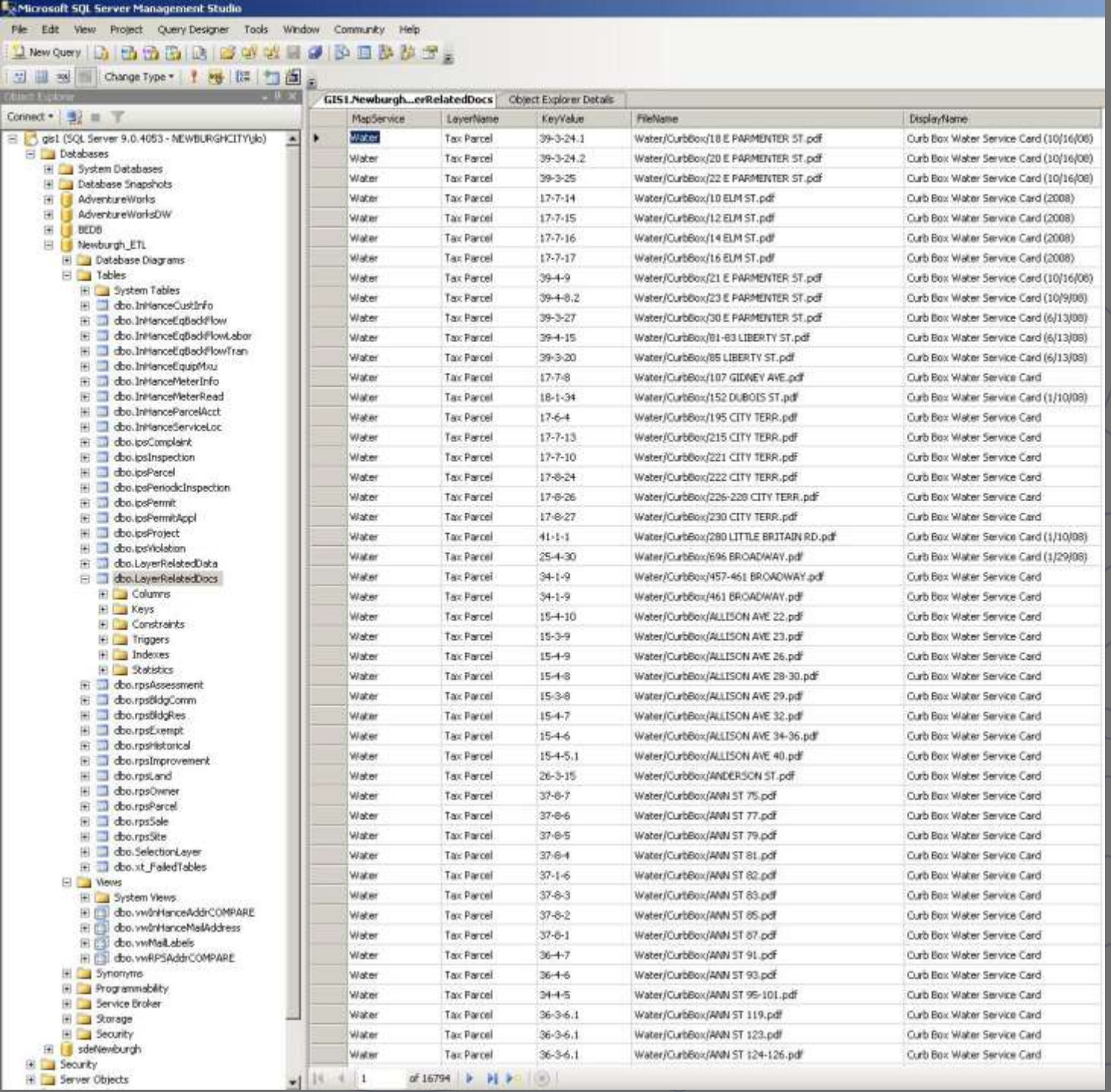
Storm Sewer Outfalls
(1.3 MB)

Buffer Analysis
Mailing Labels
Property Data
(Assessor,
Codes, Water)
One-Stop-Shop
Data Warehouse
Integrate
with
E-GOV
Link Scanned Document & Video

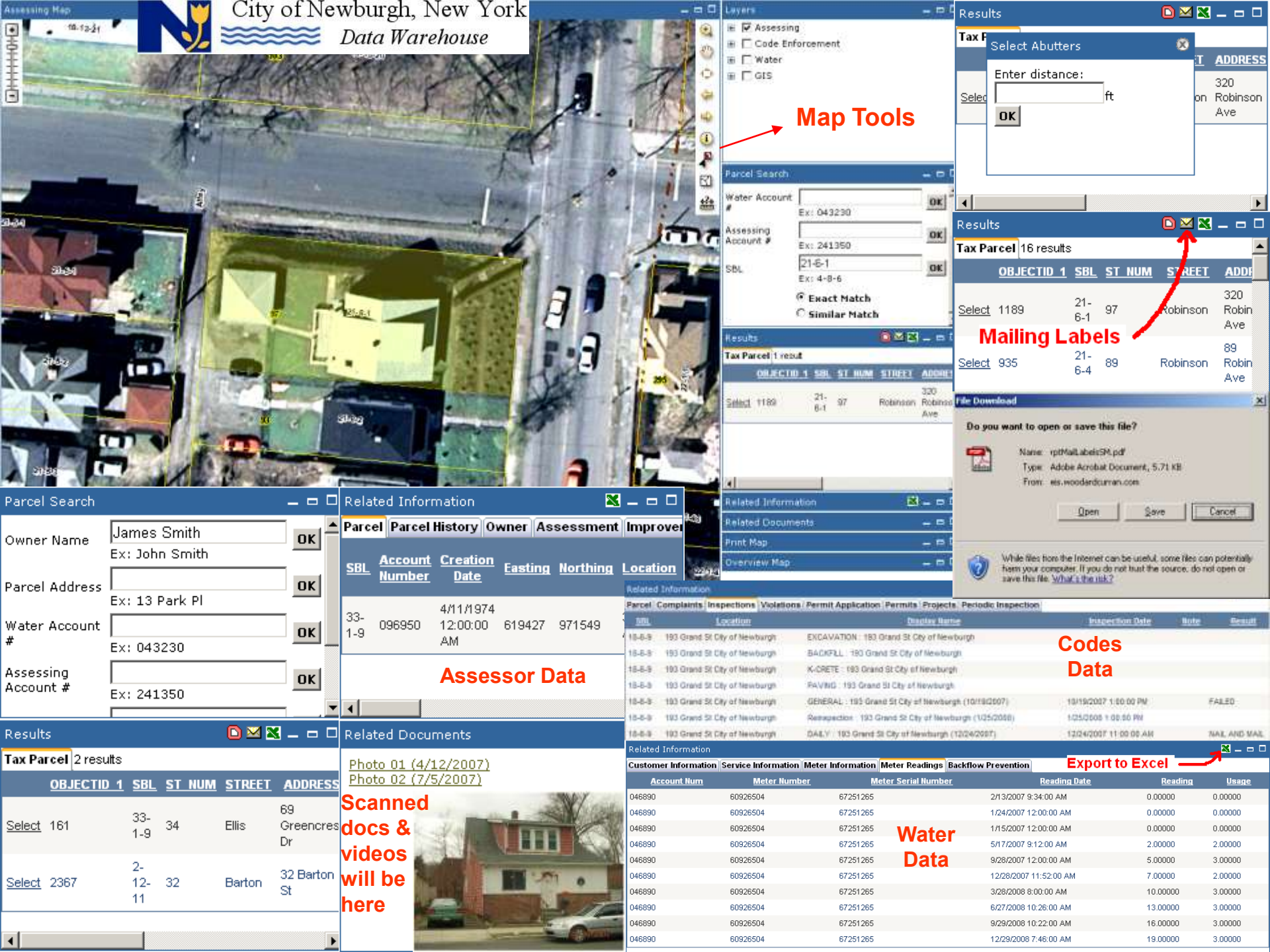


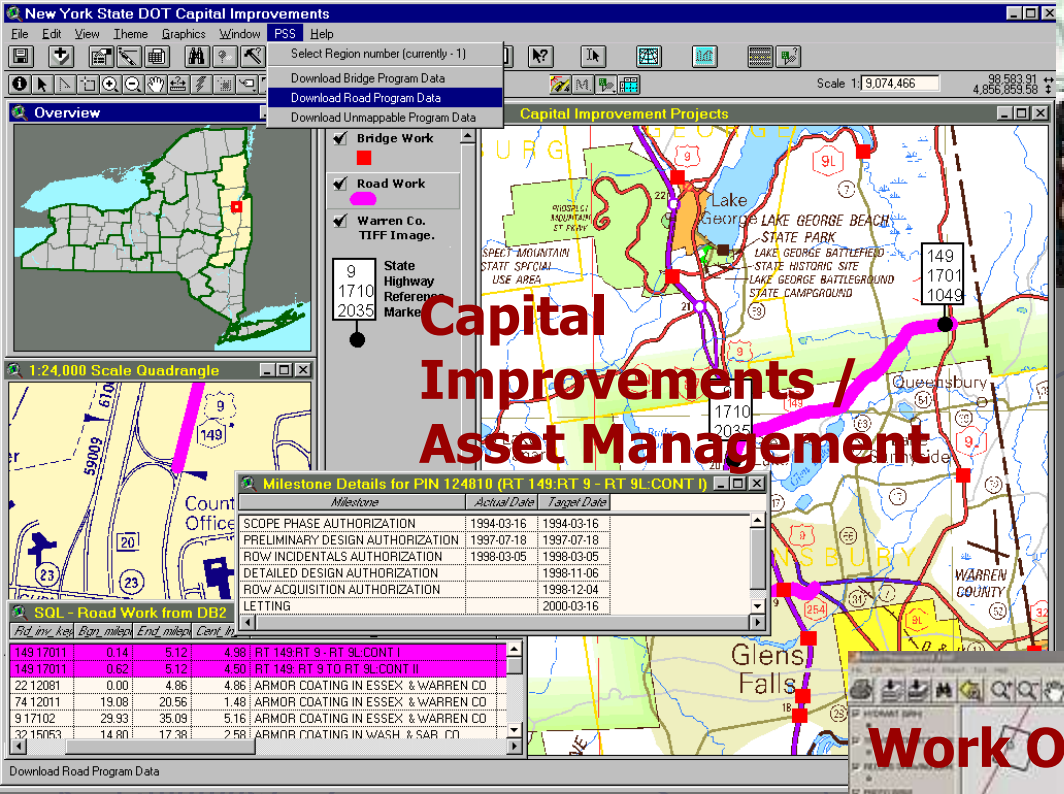
30	1-1-4.31-2	1 Scobie Dr City of Newburgh	EXCAVATION : 1 Scobie Dr City of Newburgh			
31	1-1-4.31-2	1 Scobie Dr City of Newburgh	- FINAL CO : 1 Scobie Dr City of Newburgh			
32	1-1-4.31-2	1 Scobie Dr City of Newburgh	- FINAL ELECTRICAL : 1 Scobie Dr City of Newburgh			
33	1-1-4.31-2	1 Scobie Dr City of Newburgh	- FINAL PLUMBING : 1 Scobie Dr City of Newburgh			
34	1-1-4.31-2	1 Scobie Dr City of Newburgh	FIRE DEPARTMENT : 1 Scobie Dr City of Newburgh			
35	1-1-4.31-2	1 Scobie Dr City of Newburgh	- FOOTING : 1 Scobie Dr City of Newburgh			
36	1-1-4.31-2	1 Scobie Dr City of Newburgh	- FOUNDATION : 1 Scobie Dr City of Newburgh			
37	1-1-4.31-2	1 Scobie Dr City of Newburgh	- FRAMING : 1 Scobie Dr City of Newburgh			
38	1-1-4.31-2	1 Scobie Dr City of Newburgh	- INSULATION : 1 Scobie Dr City of Newburgh			
39	1-1-4.31-2	1 Scobie Dr City of Newburgh	Pre Rental : 1 Scobie Dr City of Newburgh			
40	1-1-4.31-2	1 Scobie Dr City of Newburgh	- ROUGH ELECTRIC : 1 Scobie Dr City of Newburgh			
41	1-1-4.31-2	1 Scobie Dr City of Newburgh	- ROUGH PLUMBING : 1 Scobie Dr City of Newburgh			
42	1-1-4.31-2	1 Scobie Dr City of Newburgh	SIDEWALK AND CURBS : 1 Scobie Dr City of Newburgh			
43	1-1-4.31-2	1 Scobie Dr City of Newburgh	SILL PLATE : 1 Scobie Dr City of Newburgh			
44	1-1-4.31-2	1 Scobie Dr City of Newburgh	- SITE WORK : 1 Scobie Dr City of Newburgh			
45	1-1-4.31-2	1 Scobie Dr City of Newburgh	- SLAB : 1 Scobie Dr City of Newburgh			
46	1-1-4.31-2	1 Scobie Dr City of Newburgh	- FORMS : 1 Scobie Dr City of Newburgh (12/3/2007)	12/3/2007 1:30:00 PM	WALL FO	Passed
47	1-1-4.31-2	1 Scobie Dr City of Newburgh	- FRAMING : 1 Scobie Dr City of Newburgh (5/12/2008)	5/12/2008 10:00:00 AM	PHASE 1	Passed
48	1-2-11	21-22 Williamsburg Dr City of N	Complaint : 21-22 Williamsburg Dr City of Newburgh (4/	4/11/2007 2:00:00 PM	ELECTRICI	Passed
49	1-2-12	23-24 Williamsburg Dr City of N	NO HEAT : 23-24 Williamsburg Dr City of Newburgh (1/	1/22/2009 2:10:08 PM	LAND LO	
50	1-2-12	23-24 Williamsburg Dr City of N	Complaint : 23-24 Williamsburg Dr City of Newburgh (3/	3/3/2009 9:30:05 PM		FAILED
51	1-2-12	23-24 Williamsburg Dr City of N	Complaint : 23-24 Williamsburg Dr City of Newburgh (3/	3/18/2009 10:00:02 AM		
52	1-2-12	23-24 Williamsburg Dr City of N	PLUMBING : 23-24 Williamsburg Dr City of Newburgh (4	4/30/2009 12:03:12 PM		FAILED
53	1-2-12	23-24 Williamsburg Dr City of N	PLUMBING : 23-24 Williamsburg Dr City of Newburgh (5	5/14/2009 10:23:23 AM	TO COUR	STILL EXI
54	1-2-12	23-24 Williamsburg Dr City of N	DAILY : 23-24 Williamsburg Dr City of Newburgh (4/14/	4/14/2009 1:30:17 PM		FAILED
55	1-2-12	23-24 Williamsburg Dr City of N	DAILY : 23-24 Williamsburg Dr City of Newburgh (4/14/	4/14/2009 3:33:03 PM		FAILED
56	1-2-12	23-24 Williamsburg Dr City of N	DAILY : 23-24 Williamsburg Dr City of Newburgh (4/14/	4/14/2009 2:36:31 PM		FAILED
57	1-2-12	23-24 Williamsburg Dr City of N	DAILY : 23-24 Williamsburg Dr City of Newburgh (4/14/	4/14/2009 4:48:06 PM		FAILED
58	1-2-12	23-24 Williamsburg Dr City of N	DAILY : 23-24 Williamsburg Dr City of Newburgh (4/14/	4/14/2009 6:37:55 PM		FAILED

Snap shot from ArcCatalog



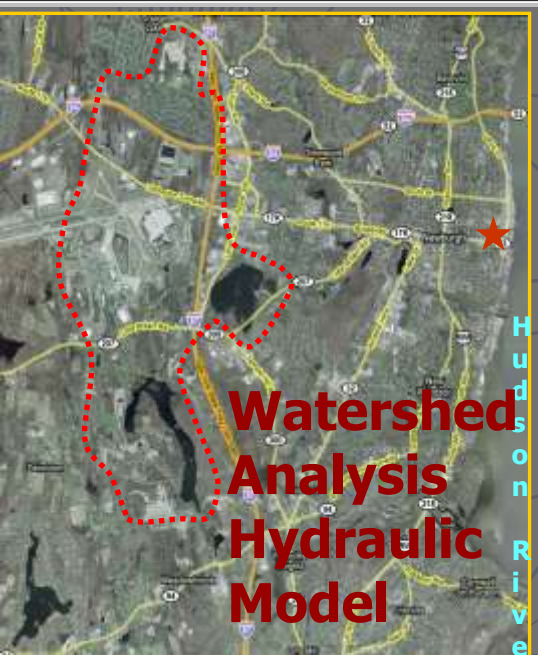
Snap shot from Microsoft SQL


City of Newburgh, New York
Data Warehouse
Map Tools
Mailing Labels
Assessor Data
Codes Data
Water Data
Export to Excel
Scanned docs & videos will be here
Parcel Search
Owner Name
James Smith
Ex: John Smith
Parcel Address
Ex: 13 Park Pl
Water Account #
Ex: 043230
Assessing Account #
Ex: 241350
OK
Related Information
Parcel
Parcel History
Owner
Assessment
SBL
Account Number
Creation Date
Easting
Northing
Location
33-1-9
096950
4/11/1974 12:00:00 AM
619427
971549
Results
Tax Parcel
2 results
OBJECTID_1
SBL
ST_NUM
STREET
ADDRESS
Select
161
33-1-9
34
Ellis
69 Greencrest Dr
2367
2-12-11
32
Barton
32 Barton St
Related Documents
Photo 01 (4/12/2007)
Photo 02 (7/5/2007)
Layers
Assessing
Code Enforcement
Water
GIS
Select Abutters
Enter distance:
ft
Water Account #
Assessing Account #
SBL
21-6-1
Exact Match
Similar Match
Tax Parcel
16 results
1189
935
Robinson
Related Documents
Print Map
Overview Map
File Download
Do you want to open or save this file?
Open
Save
Cancel
Complaints
Inspections
Violations
Permit Application
Permits
Projects
Periodic Inspection
Customer Information
Service Information
Meter Information
Meter Readings
Backflow Prevention
Account Num
Meter Number
Meter Serial Number
Reading Date
Reading
Usage
046890
60926504
67251265

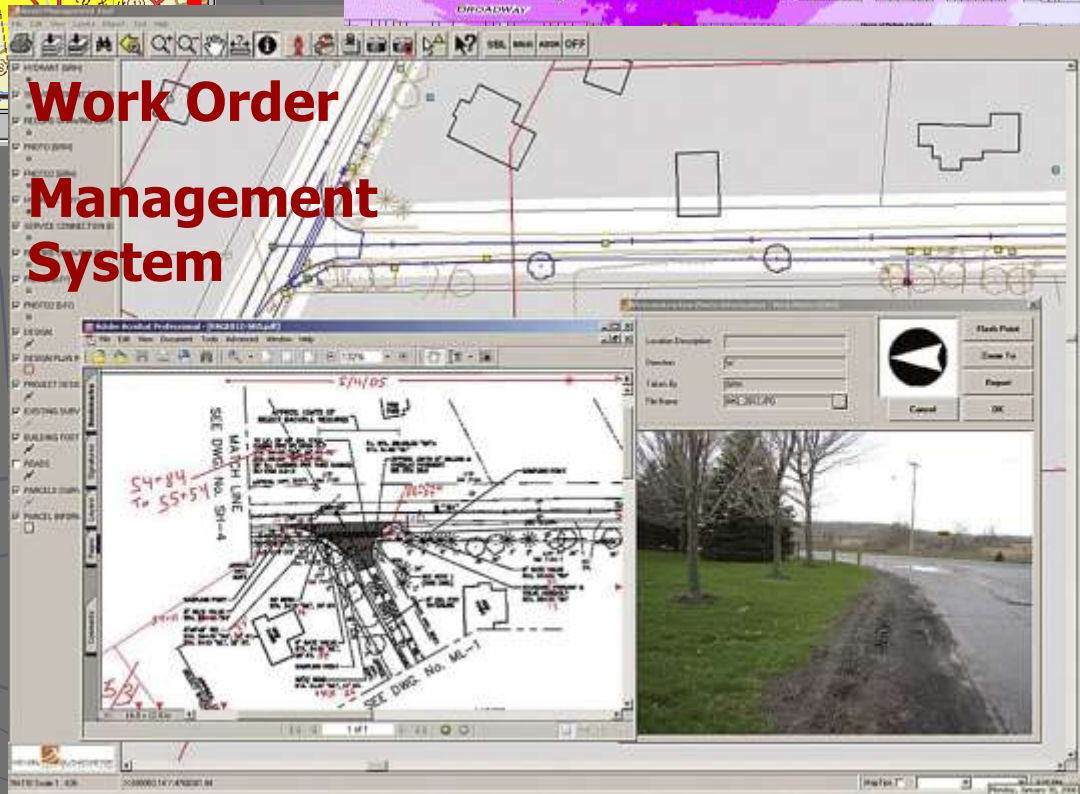


Capital Improvements / Asset Management

Mobil GIS Hot Spot Analysis



Watershed Analysis Hydraulic Model



Work Order Management System